| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|--|----------------------|--------------------|
| 2 | 0 | 313/501,502,503,499,509,512,498.ccls. and "light emitting | USPAT; | 2003/12/17 14:48 |
| | | device" and nitride and epoxy and phopshor | US-PGPUB; | |
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| 3 | 0 | 313/501,502,503,499,509,512,498.ccls. and "light emitting | USPAT; | 2003/12/17 14:48 |
| | | device" and nitride and epoxy and phopshor and "uneven | US-PGPUB; | |
| | _ | surface" | DERWENT | |
| 4 | 0 | 313/501,502,503,499,509,512,498.ccls. and "light emitting | USPAT; | 2003/12/17 14:48 |
| | | device" and nitride and epoxy and phopshor | US-PGPUB; | |
| _ | | 640/504 500 500 400 500 540 400 4 4 4 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | DERWENT | |
| 5 | 0 | 313/501,502,503,499,509,512,498.ccls. and LED and nitride | USPAT; | 2003/12/17 14:48 |
| | | and epoxy and phopshor | US-PGPUB; | |
| _ | 522 | 242/E01 E02 E02 400 E00 E12 400 colo and LED | DERWENT | 2002/42/47 44:40 |
| 6 | 533 | 313/501,502,503,499,509,512,498.ccls. and LED | USPAT; | 2003/12/17 14:48 |
| | | | US-PGPUB; DERWENT | |
| 7 | 95 | 242/504 502 503 400 500 512 409 pale, and // 5D or "light | USPAT; | 2003/12/17 14:48 |
| 7 | 95 | 313/501,502,503,499,509,512,498.ccls. and (LED or "light emitting device") and epoxy and phosphor | US-PGPUB; | 2003/12/17 14.40 |
| | | ernitting device) and epoxy and phosphor | DERWENT | |
| 1 | 22 | 313/\$3.ccls. and epoxy with ("uneven surface" or rough or | USPAT; | 2003/12/17 14:48 |
| ' | 22 | roughness or ridge or dimple or groove) | US-PGPUB; | 2003/12/17 14.40 |
| | | Toughness of huge of untiple of groove) | DERWENT | |
| 9 | 1 | 313/501,502,503,499,509,512,498.ccls. and (LED or "light | USPAT; | 2003/12/17 14:48 |
| 9 | ' | emitting device") and epoxy and phosphor and nitride and | US-PGPUB: | 2000/12/17 11:10 |
| | | uneven | DERWENT | |
| 11 | 1 | 313/501,502,503,499,509,512,498.ccls. and semiconductor | USPAT; | 2003/12/17 14:48 |
| '' | • | and "phosphor embedded epoxy" | US-PGPUB; | 2000.12.11 |
| | | and phoopher ombodded open; | DERWENT | |
| 8 | 49 | 313/501,502,503,499,509,512,498.ccls. and (LED or "light | USPAT; | 2003/12/17 14:48 |
| · | | emitting device") and epoxy and phosphor and nitride | US-PGPUB | |
| | | dinaming across , and appropriate and appropri | DERWENT | |
| 10 | 15 | 313/501,502,503,499,509,512,498.ccls. and (LED or "light | USPAT: | 2003/12/17 14:48 |
| | | emitting device") and epoxy and phosphor and nitride and | US-PGPUB; | |
| | | frame | DERWENT | |
| 14 | 0 | 313/501,502,503,499,509,512,498.ccls. and semiconductor | USPAT; | 2003/12/17 15:08 |
| : | | and substrate and nitride and blue and phoshpor and epoxy | US-PGPUB; | |
| | | | DERWENT | |
| 12 | 1 | 313/501,502,503,499,509,512,498.ccls. and semiconductor | USPAT; | 2003/12/17 15:08 |
| | | and "phosphor embedded epoxy" and frame | US-PGPUB; | |
| | | | DERWENT | |
| 15 | 0 | 313/501,502,503,499,509,512,498.ccls. and semiconductor | USPAT; | 2003/12/17 15:08 |
| | | and substrate and nitride and phoshpor and epoxy | US-PGPUB; | |
| | | | DERWENT | 0000404745.00 |
| 13 | 21 | 313/501,502,503,499,509,512,498.ccls. and semiconductor | USPAT; | 2003/12/17 15:08 |
| | | and phosphor and epoxy and frame | US-PGPUB; | |
| 40 | | 040/504 500 500 400 500 540 400 cala and substrate and | DERWENT | 2002/12/17 15:09 |
| 16 | 0 | 313/501,502,503,499,509,512,498.ccls. and substrate and | USPAT; | 2003/12/17 15:08 |
| | | nitride and phoshpor and epoxy | US-PGPUB; DERWENT | |
| 4.7 | 24 | 242/504 502 502 400 500 542 400 cale, and comison dustar | USPAT; | 2003/12/17 15:08 |
| 17 | 34 | 313/501,502,503,499,509,512,498.ccls. and semiconductor and substrate and nitride and phosphor and epoxy | US-PGPUB; | 2003/12/1/ 13.00 |
| | | and substrate and filtride and phosphor and epoxy | DERWENT | |
| 40 | 23 | 313/501,502,503,499,509,512,498.ccls. and semiconductor | USPAT; | 2003/12/17 15:08 |
| 18 | 23 | and substrate and nitride and phosphor and epoxy and | US-PGPUB; | 2000/12/1/ 10:00 |
| | | sapphire | DERWENT | |
| 19 | 13 | 313/501,502,503,499,509,512,498.ccls. and phosphor and | USPAT; | 2003/12/17 15:08 |
| ا ت | 13 | epoxy and semiconductor and nitride and blue and frame | US-PGPUB; | |
| | | epoxy and semiconductor and mande and blue and maine | DERWENT | |
| 20 | 1 | 313/501,502,503,499,509,512,498.ccls. and phosphor and | USPAT; | 2003/12/17 15:08 |
| 20 | 1 | epoxy and semiconductor and nitride and blue and frame and | US-PGPUB; | 2000, 12, 17 10.00 |
| | | "solid state lamp" | DERWENT | |
| 21 | 1 | 313/501,502,503,499,509,512,498.ccls. and phosphor and | USPAT; | 2003/12/17 15:09 |
| 1 | Ţ | epoxy and semiconductor and nitride and "solid state lamp" | US-PGPUB; | |
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| 22 | 0 | 313/501,502,503,499,509,512,498.ccls. and phosphor and | USPAT; | 2003/12/17 15:09 |
|-----|-------------|---|----------------------|------------------|
| | | epoxy and semiconductor and nitride and (blue or ultraviolet) and mehod | US-PGPUB; DERWENT | |
| 23 | 43 | 313/501,502,503,499,509,512,498.ccls. and phosphor and | USPAT; | 2003/12/17 15:09 |
| | | epoxy and semiconductor and nitride and (blue or ultraviolet) | US-PGPUB; | |
| | | | DERWENT | |
| 25 | 1 | 313/501,502,503,499,509,512,498.ccls. and "designed | USPAT; | 2003/12/17 15:09 |
| | | surface" and semiconductor | US-PGPUB; | • |
| 0.4 | | 242/E04 E02 E03 400 E00 E42 400 calc. and !!decimand | DERWENT | 2002/40/47 45.00 |
| 24 | 4 | 313/501,502,503,499,509,512,498.ccls. and "designed surface" | USPAT; US-PGPUB; | 2003/12/17 15:09 |
| | | Surface | DERWENT | |
| 27 | 5 | 313/501,502,503,499,509,512,498.ccls. and (LED or "light | USPAT; | 2003/12/17 15:09 |
| | | emitting diode") and semiconductor and (design or designed | US-PGPUB; | |
| | | or pattern) with frame | DERWENT | |
| 26 | 51 | 313/501,502,503,499,509,512,498.ccls. and semiconductor | USPAT; | 2003/12/17 15:09 |
| | | and (design or pattern) and frame and (LED or "light emitting | US-PGPUB; | |
| 29 | 1 | diode") 313/501,502,503,499,509,512,498.ccls. and semiconductor | DERWENT USPAT; | 2003/12/17 15:09 |
| 29 | ' | and contact and "semiconductor die" and nitride and | US-PGPUB; | 2003/12/17 13.09 |
| | | phosphor | DERWENT | |
| 28 | 2 | 313/501,502,503,499,509,512,498.ccls. and "semiconductor" | USPAT; | 2003/12/17 15:09 |
| | | die" | US-PGPUB; | |
| | | | DERWENT | |
| 30 | 4 | 313/501,502,503,499,509,512,498.ccls. and (LED or "light | USPAT; | 2003/12/17 15:09 |
| | | emitting diode") and semiconductor and (design or pattern) | US-PGPUB; | |
| 31 | 239 | with frame 313/501,502,503,499,509,512,498.ccls. and semiconductor | DERWENT USPAT; | 2003/12/17 15:09 |
| 31 | 239 | and (design or pattern) and (LED or "light emitting diode") | US-PGPUB; | 2003/12/17 13.09 |
| | | and (design of pattern) and (EED of light entitling diode) | DERWENT | |
| 32 | 1 | 313/501,502,503,499,509,512,498.ccls. and phosphor and | USPAT; | 2003/12/17 15:09 |
| | | epoxy and semiconductor and nitride and (blue or ultraviolet) | US-PGPUB; | |
| | | and ("not smooth" or "uneven") | DERWENT | |
| 33 | 1 | 313/501,502,503,499,509,512,498.ccls. and semiconductor | USPAT; | 2003/12/17 15:09 |
| | | and contact and "semiconductor die" | US-PGPUB; DERWENT | |
| 34 | 8 | 313/501,502,503,499,509,512,498.ccls. and (LED or "light | USPAT; | 2003/12/17 15:09 |
| 34 | | emitting device") and epoxy and phosphor and nitride and | US-PGPUB; | 2000, 12, 17 |
| | | (uneven or ripple or dimple or ridge or "surface area" or ridge) | DERWENT | |
| 35 | 6 | 313/501,502,503,499,509,512,498.ccls. and (LED or "light | USPAT; | 2003/12/17 15:09 |
| | | emitting device") and epoxy and phosphor and nitride and | US-PGPUB; | |
| | | (uneven or ripple or dimple or groove or ridge) | DERWENT | 00004047.45.00 |
| 36 | /1/ | 313/501,502,503,499,509,512,498.ccls. and (LED or "light emitting diode") | USPAT; US-PGPUB; | 2003/12/17 15:09 |
| | | ernitting thouse) | DERWENT | |
| 38 | 6 | 313/501,502,503,499,509,512,498.ccls. and (LED or "light | USPAT; | 2003/12/17 15:09 |
| | | emitting device") and epoxy and phosphor and nitride and | US-PGPUB, | |
| | | (uneven or ripple or dimple or groove or ridge or "not even" or | DERWENT | |
| | | "not smooth") | LIODAT | 000000000 |
| 37 | 23 | 313/501,502,503,499,509,512,498.ccls. and (LED or "light | USPAT; | 2003/12/17 15:09 |
| | | emitting device") and epoxy and phosphor and nitride and | US-PGPUB; DERWENT | |
| | | (uneven or ripple or dimple or groove or ridge or "not even" or "not smooth" or designed or design) | DEIXACIAI | |
| 40 | 372 | 257/\$3.ccls. and (LED or "light emitting diode") and frame | USPAT; | 2003/12/17 15:10 |
| | | and (uneven or roughness or rough or dimple or groove or | US-PGPUB; | |
| | | "not even") | DERWENT | |
| 39 | 40 | 257/\$3.ccls. and (LED or "light emitting diode") and frame | USPAT; | 2003/12/17 15:10 |
| | | with (uneven or roughness or rough or dimple or groove or | US-PGPUB; | |
| 45 | _ | "not even") 313/501,502,503,499,509,512,498.ccls. and ("light emitting | DERWENT USPAT; | 2003/12/17 15:10 |
| 45 | 0 | device" or LED) and nitride and epoxy and phopshor and | US-PGPUB; | 2000/12/1/ 10.10 |
| | | ("uneven surface" or rough or roughness or ridge or dimple or | DERWENT | |
| | | groove) | | |
| | | L. T | | |

| 41 | 330 | 362/800.ccls. and (LED or "light emitting diode") and (groove | USPAT; | 2003/12/17 15:10 |
|----|-----|---|---------------------|-------------------|
| | | or rough or roughness or dimple or ridge or uneven or "not | US-PGPUB; | |
| | | even") | DERWENT | |
| 42 | 80 | 257/95,98,99,100.ccls. and (LED or "light emitting diode") | USPAT; | 2003/12/17 15:10 |
| | | and frame and (uneven or rough or roughness or groove or | US-PGPUB; | |
| | | ridge or dimple or "not even") | DERWENT | |
| 43 | 92 | 362/800.ccls. and (LED or "light emitting diode") and (groove | USPAT; | 2003/12/17 15:10 |
| | | or rough or roughness or dimple or ridge or uneven or "not | US-PGPUB; | |
| | | even") and frame | DERWENT | |
| 44 | 136 | 257/95,98,99,100.ccls. and (LED or "light emitting diode") | USPAT; | 2003/12/17 15:10 |
| | | and frame and (indentation or protrusion or pattern or | US-PGPUB; | |
| 40 | 040 | patterned) | DERWENT | 000040474540 |
| 46 | 248 | ("light emitting device" or LED) and epoxy with ("uneven surface" or rough or roughness or ridge or dimple or groove) | USPAT; | -2003/12/17 15:10 |
| | | surface of rough of roughness of riage of dimple of groove) | US-PGPUB; | |
| 47 | 2 | 212/501 502 502 400 500 512 409 cols, and /'llight amitting | DERWENT USPAT; | 2003/12/17 15:10 |
| 47 | | 313/501,502,503,499,509,512,498.ccls. and ("light emitting device" or LED) and epoxy with ("uneven surface" or rough or | US-PGPUB; | 2003/12/17 13.10 |
| | | roughness or ridge or dimple or groove) | DERWENT | |
| 48 | 4 | 313/\$3.ccls. and ("light emitting device" or LED) and epoxy | USPAT; | 2003/12/17 15:10 |
| 40 | " | with ("uneven surface" or rough or roughness or ridge or | US-PGPUB; | 2003/12/11 13.10 |
| | | dimple or groove) | DERWENT | |
| 49 | 993 | epoxy with ("uneven surface" or rough or roughness or ridge | USPAT; | 2003/12/17 15:10 |
| 70 | 995 | or dimple) | US-PGPUB; | 2003/12/17 13.10 |
| | | of unitiple) | DERWENT | |
| 50 | 48 | ("light emitting device") and epoxy with ("uneven surface" or | USPAT; | 2003/12/17 15:10 |
| 00 | 10 | rough or roughness or ridge or dimple or groove) | US-PGPUB; | 2000,12,11 10:10 |
| | : | rough of roughnood of mage of unitple of groote) | DERWENT | |
| 51 | 26 | 313/501,502,503,499,509,512,498.ccls. and phosphor and | USPAT; | 2003/12/17 15:10 |
| | | epoxy and semiconductor and nitride and (ultraviolet) | US-PGPUB; | |
| | | , -, -, -, -, -, -, -, -, -, -, -, -, -, | DERWENT | |
| 52 | 10 | 313/501,502,503,499,509,512,498.ccls. and phosphor and | USPAT; | 2003/12/17 15:10 |
| | | epoxy and semiconductor and nitride with (ultraviolet or UV) | US-PGPUB; | |
| | | | DERWENT | |
| 53 | 10 | 313/501,502,503,499,509,512,498.ccls. and phosphor and | USPAT; | 2003/12/17 15:11 |
| | | epoxy and semiconductor and nitride with (ultraviolet or UV) | US-PGPUB; | |
| | | | DERWENT | |
| - | 2 | ("5773085").PN. | USPAT; | 2002/12/04 11:09 |
| | | | US-PGPUB; | |
| | | | DERWENT | |
| - | 2 | ("5998925").PN. | USPAT; | 2002/12/06 16:28 |
| | | | US-PGPUB; | |
| | _ | | DERWENT | |
| - | 2 | ("6404131").PN. | USPAT; | 2002/12/09 08:41 |
| | | | US-PGPUB; | |
| | | (10000 40 41) FM | DERWENT | 0000/40/00 00:44 |
| - | 2 | ("6328464").PN. | USPAT; | 2002/12/09 08:41 |
| | | | US-PGPUB; | |
| | | ("5700005") DN | DERWENT | 0000/40/00 00:44 |
| - | 2 | ("5786665").PN | USPAT; | 2002/12/09 08:41 |
| | | | US-PGPUB; | |
| | _ | (11276022711) DNI | DERWENT | 2002/12/09 08:51 |
| - | 2 | ("3760237").PN. | USPAT; US-PGPUB; | 2002/12/09 08.51 |
| | | | DERWENT | |
| | 2 | ("E00803E") DNI | | 2002/12/09 09:00 |
| - | 2 | ("5998925").PN. | USPAT; US-PGPUB; | 2002/12/09 09.00 |
| | | | DERWENT | |
| _ | 1 | ("6469322").PN. | USPAT; | 2002/12/09 09:03 |
| _ | ' | (0700022 J.I IV. | US-PGPUB; | 2002/12/03 03.03 |
| | | | DERWENT | |
| - | 2 | ("6345903").PN. | USPAT: | 2002/12/09 09:47 |
| | _ | (00 10000 J.1 14. | US-PGPUB; | 2302/12/03 03.47 |
| | | | DERWENT | |
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| _ | 2 | ("5813753").PN. | LICDAT | 2002/12/09 10:05 |
|----|----|--|---------------------|------------------|
| - | | (3013733).FIV. | USPAT; US-PGPUB: | 2002/12/09 10:05 |
| | | | DERWENT | |
| _ | 2 | ("5874803").PN. | USPAT; | 2002/12/09 11:00 |
| _ | _ | (0074000).1 14. | US-PGPUB: | 2002/12/09 11.00 |
| | | | DERWENT | |
| _ | 2 | ("6084250").PN. | USPAT; | 2002/12/09 11:16 |
| | _ | (0004200).1 14. | US-PGPUB: | 2002/12/09 11.10 |
| | | | DERWENT | |
| _ | 2 | ("5773085").PN. | USPAT; | 2002/12/09 11:17 |
| | _ | (0, 7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, | US-PGPUB; | 2002/12/00 11:17 |
| | | | DERWENT | |
| 1_ | 2 | ("5813752").PN. | USPAT; | 2002/12/09 13:15 |
| | _ | (· · · · · · · · · · · · · · · · · · · | US-PGPUB: | |
| | | | DERWENT | |
| - | 2 | ("5874748").PN. | USPAT; | 2002/12/11 14:29 |
| | _ | (| US-PGPUB: | |
| | | | DERWENT | |
| - | 2 | ("5177593").PN. | USPAT; | 2002/12/11 14:30 |
| | | , | US-PGPUB: | |
| | | | DERWENT | |
| - | 2 | ("6274924").PN. | USPAT; | 2002/12/11 14:30 |
| | | | US-PGPUB; | |
| | | | DERWENT | |
| _ | 0 | (09/681861).CCLS. | USPAT; | 2003/06/27 11:22 |
| | | | US-PGPUB; | |
| | | | DERWENT | |
| - | 0 | ("9681861").PN. | USPAT; | 2003/06/27 11:22 |
| | | | US-PGPUB; | |
| | | | DERWENT | |
| - | 1 | ("0681861").PN. | USPAT; | 2003/06/27 11:22 |
| | | | US-PGPUB; | |
| | | | DERWENT | |
| - | 0 | ("9681861").PN. | USPAT; | 2003/06/27 11:23 |
| | | | US-PGPUB; | |
| | | 1100400411 | DERWENT | 0000/00/07 44:00 |
| - | 12 | "681861" | USPAT; | 2003/06/27 11:23 |
| | | | US-PGPUB; | |
| | | 2002/0094745 | DERWENT USPAT; | 2003/12/17 11:26 |
| - | 1 | 2002/0084745 | US-PGPUB: | 2003/12/1/ 11.20 |
| | | | EPO; JPO; | |
| | | | DERWENT | |
| | 2 | ("5998925").PN. | USPAT; | 2003/12/17 13:02 |
| - | 2 | (Jaguara).FIV. | US-PGPUB; | 2000/12/1/ 10.02 |
| 1 | | | EPO; JPO; | |
| | | | DERWENT | |
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